

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A set for measuring the linear strain of materials, comprising at least two measuring elements [[(1)]], fitted with measuring blades [[(3)]] with parallel axes of the measuring blades [[(2)]], attachable to the measured material, and a portable reading device [[(3)]] with the impression surface [[(4)]] made of a material with dimensional stability and strength lower than the strength of the material of the measuring elements [[(1)]] and/or the portable measuring device, featuring the measuring blades [[(2)]] being fitted with fixtures [[(5)]] in the center and the measuring elements [[(1)]] being fitted with necks [[(6)]] and a tapered end [[(7)]] at the bottom; the measuring elements [[(1)]] are attached to the surface of the measured material using a resin-based adhesive.

2. (Currently Amended) A measuring set [[under]] according to claim 1, featuring featuring the measuring elements [[(1)]] being kept in a transport preparation [[(8)]], comprising a plotting board with holes [[(9)]] for the measuring elements [[(1)]], following the precision setting of parallelism of the axes of the measuring blades [[(2)]]; the joint between the measuring elements [[(1)]] and the transport preparation [[(8)]] has a lower strength than the joint between the measuring elements [[(1)]] and the measured material.

3. (Currently Amended) A measuring set [[under]] according to claim 1
[[or 2]], **featuring** featuring the measuring elements [[(1)]] being placed in the shape
of a rosette on the measured material.

4. (Currently Amended) A measuring set under any of the
aforementioned claims according to claim 1, **featuring** featuring the measuring
elements [[(1)]] with an adapter [[(10)]] for the alignment of the reading device [[(3)]]
with the measuring elements [[(1)]] at the measured material.

5. (Currently Amended) A measuring set under any of the
aforementioned claims according to claim 1, **featuring** featuring the transport
preparation [[(8)]] comprising a plotting board, the ends of which are bent upward.

6. (Currently Amended) A measuring set under any of the
aforementioned claims 1 to 5 according to claim 1, **featuring** featuring the transport
preparation [[(8)]] being in the shape of a bail, fitted with surfaces for the measuring
elements [[(1)]] at its ends, and a portable reading device [[(3)]] comprising a similar
bail with an impression surface [[(4)]], placed at its ends.

7. (Currently Amended) A measuring set under any of the
aforementioned claims according to claim 1, **featuring** featuring a device for the
remote transmission of the measured data to the reading device [[(3)]].